

JAP7 Rec'd PCT/PTO 03 APR 2006

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

Application Number	10/522,954
Filing Date	January 31, 2005
First Named Inventor	Beverly L. Davidson
Art Unit	1635
Examiner Name	Unknown
Attorney Docket Number	17023.045US2

ENCLOSURES (Check all that apply)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form 1449 (14 pgs.); Communication Concerning Related Applications (1 pg.); return postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VIKSNINS HARRIS & PADYS PLLP		
Signature			
Printed name	Peter L. Malen		
Date	March 31, 2006	Reg. No.	44,894

CERTIFICATE OF TRANSMISSION/MAILING

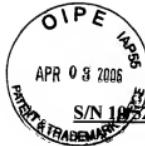
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

The date shown below.			
Signature	<i>Peter Malen</i>		
Typed or printed name	Peter Malen	Date	March 31, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

S/N 10/522,954

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Beverly L. Davidson et al. Examiner: Unknown
Serial No.: 10/522,954 Group Art Unit: 1635
Filed: January 31, 2005 Docket: 17023.045US2
Title: ALLELE-SPECIFIC SIRNA-MEDIATED GENE SILENCING

COMMUNICATION CONCERNING RELATED APPLICATIONS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants would like to bring to the Examiner's attention the following related applications.

Applications that claim priority to the related application(s) may be filed, and Applicants respectfully request that the Examiner additionally review those applications prior to issuing a Notice of Allowance in the present application.

Application Number	Filing Date	Docket Number
10/212,322	08/05/02	17023.023US1
10/430,351	05/05/03	17023.026US2
11/047,429	01/31/05	17023.026US3
10/738,642	12/16/03	17023.034US1
11/343,366	01/31/06	17023.045US3
10/859,751	06/02/04	17023.047US1
11/048,627	01/31/05	17023.053US1

Respectfully submitted,
Beverly L. Davidson et al.
By their Representatives,
Viksnins Harris & Padys PLLP
P.O. Box 111098
Saint Paul, MN 55111
952 876-4094

Date March 30, 2006 By Peter L. Malen
Peter L. Malen
Reg. No. 44,894

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Name Peter Malen

Signature Peter Malen

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APR 08 2006
 APRIL 8, 2006
 MAILING DATE
 MAILING DATE
 APR 08 2006
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 MAILING DATE
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Applicant:
 Serial No.:
 Filed:
 Title:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Beverly L. Davidson et al. Examiner: Unknown
 10/522,954 Group Art Unit: 1635
 January 31, 2005 Docket: 17023.045US2
 ALLELE-SPECIFIC SIRNA-MEDIATED GENE SILENCING

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to MPEP 609, Applicants request that a copy of the Form 1449, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Copies of the "Foreign Patent Documents" and "Other Documents" listed on the Form 1449 are not included as these documents were either submitted to, or cited by, the Office in application Serial No. 10/212,322, which application is relied upon for an earlier effective filing date.

Pursuant to 37 C.F.R. § 1.97, no fee or statement is required with the Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 503503 in order to have this Information Disclosure Statement considered. The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,
 Beverly L. Davidson et al.
 By their Representatives,
 Vikings Harris & Padys PLLP
 P.O. Box 111098
 St. Paul, MN 55111
 952 876-4094

Date

March 30, 2006

By

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Name

Peter L. Malen

Signature

Peter L. Malen

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Substitute for form 1449A/PTO and/or 1449B/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
(Use as many sheets as necessary)



Sheet 1 of 14

Complete if Known

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First Named Inventor	Beverly L. Davidson
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Examiner Name	Unknown

Attorney Docket No: 17023.045US2

US PATENT DOCUMENTS

Examiner Initials *	US Document Number	Publication Date	Name of Patentee/Applicant of Document
	4,683,202	July 28, 1987	Mullis
	4,873,192	October 10, 1989	Kunkel
	4,962,091	October 9, 1990	Eppstein et al.
	5,350,674	September 27, 1994	Boenisch et al.
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EXAMINER

DATE CONSIDERED

* Examiner: Initial if document considered, whether or not the citation is in conformance with MPEP 608. Draw line through citation if not considered. Include copy of this form with each communication to Applicant.

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Group Art Unit	1635
Examiner Name	Unknown

Sheet 2 of 14

Attorney Docket No: 17023.045US2

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6,852,535	February 8, 2005	Thompson
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2002/0173478	November 21, 2002	Gewirtz
2003/0051263	March 13, 2003	Fire et al.
2003/0055020	March 20, 2003	Fire et al.
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2004/0023390	February 5, 2004	Davidson et al.
2004/0192629	September 30, 2004	Xu et al.
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2006/0009408	January 12, 2006	Davidson et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document Number (Include country code)	Publication Date	Translation (Abstract Only or Full Translation, if applicable)
	WO 90/14090	November 29, 1990	
	WO 94/01550	January 20, 1994	
	WO 94/07529	April 04, 1994	
	WO 99/32619	July 01, 1999	

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* Examiner: Initial if document considered, whether or not the citation is in conformance with MPEP 600. Cross-Reference Citations. If the examiner does not consider this form to be necessary, leave it blank.

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Substitute for form 1448A/PTO and/or 1448B/PTO
**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

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Application Number	10/522,954
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First Named Inventor	Beverly L. Davidson
Group Art Unit	1635
Examiner Name	Unknown

Sheet 3 of 14

Attorney Docket No: 17023.045US2

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document Number (include country code)	Publication Date	Translation (Abstract Only or Full Translation, if applicable)
	WO 99/49029	September 30, 1999	
	WO 00/44895	August 03, 2000	Abstract only
	WO 01/29058	April 26, 2001	
	WO 01/70949	September 27, 2001	
	WO 01/75164	October 11, 2001	
	WO 02/44321	June 06, 2002	
	WO 02/55692	July 18, 2002	Abstract only
	WO 02/55693	July 18, 2002	Abstract only
	WO 03/06477	January 23, 2003	
	WO 03/08573	January 30, 2003	
	WO 03/10180	February 06, 2003	
	WO 03/22052	March 20, 2003	
	WO 03/23015	March 20, 2003	
	WO 03/080807	October 02, 2003	
	WO 04/013280	February 12, 2004	
	WO 04/047872	June 10, 2004	
	WO 04/058940	July 15, 2004	
	DE 10100586	April 11, 2002	Abstract only
	DE 10100588	July 18, 2002	Abstract only
	EP 1 144 623	October 17, 2001	
	EP 1 214 945	June 19, 2002	Abstract only

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Sheet 4 of 14	Attorney Docket No: 17023.045US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include last name of the first author (in CAPITAL letters), <u>Title of the Source</u> (book, magazine, journal, serial, symposium, catalog, etc.), <u>Volume-Number</u> , <u>page(s)</u> and <u>(date)</u> .
	Abdallah et al., <u>Biology of the Cell</u> , 1995, 85(1):1-7
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	Adelman et al., <u>DNA</u> , 1983, 2:183
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	Andreason and Evans, <u>Biotechniques</u> , 1988, 6:650
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	Bass, "The Short Answer," <u>Nature</u> , 2001, 411:428-429
	Bates et al., <u>Curr Opin Neurol.</u> , 2003, 16:465-470
	Batzer et al., <u>Nucl. Acids Res.</u> , 1991, 19:508
	Baulcombe, <u>Plant Mol. Biol.</u> , 1996, 32:79-88

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Sheet 5 of 14

Attorney Docket No: 17023.045US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials* *Include last name of the first author (in CAPITAL letters), Title of the Source (book, magazine, journal, serial, symposium, catalog, etc.), Volume-Number, page(s) and (date).*

Behr et al., PNAS, 1989, 86:6982

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Chai et al., J. Neurosci, 1999, 19:10338-10347

EXAMINER

DATE CONSIDERED

* Examiner: Initial if documents considered, whether or not the patent is being considered. If no initial is present, it is assumed that the examiner has not considered the document. Initials are not required for all documents.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.C./

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Examiner Name	Unknown

Sheet 6 of 14

Attorney Docket No: 17023.045US2

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include last name of the first author (in CAPITAL letters), <u>Title of the Source</u> (book, magazine, journal, serial, symposium, catalog, etc.), <u>Volume-Number</u> , page(s) and (date).
	Chan et al., <u>Hum Mol Genet</u> , 2000, 9(19):2811-2820
	Chiu and Rana, <u>Mol. Cell.</u> , 2002, 10(3):549-561
	Check, <u>Nature</u> , 2002, 417:779.
	Check, <u>Nature</u> , 2004, 432, 136
	Chen et al., <u>Cell</u> , 2003, 113(4):457-468
	Clemens et al., <u>PNAS</u> , 2000, 97:6499-6503
	Cogoni et al., <u>Antonie Van Leeuwenhoek</u> , 1994, 65:205-209
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	Crea et al., <u>PNAS</u> , 1978, 75:5765
	Cullen, <u>Nat. Immunol.</u> , 2002, 3:597-599
	Davidson et al., <u>Nat Rev.</u> , 2003, 4(5):353-364
	Davidson et al., <u>The Lancet Neurol.</u> , 2004, 3:145-149
	Davidson et al., <u>PNAS</u> , 2000, 97:3428-3432
	Davidson et al., <u>Meth Enzymol</u> , 392:145-173, (2005).
	Deng et al. <u>J. Org. Chem.</u> , 1999, 64:202-208
	Dillin, <u>PNAS</u> , 2003, 100:6289-6291
	Ding et al., <u>Aging Cell.</u> , 2003, 2:209-217
	Doench et al., <u>Genes Dev.</u> , 2003, 17(4):438-442
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* Examiner: Initial if document considered, whether or not the citation is in conformance with MPEP 609. Drawing through citations is not considered. Include copy of this form with the application if more than one page is required.

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Sheet 7 of 14

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	Donze et al., <u>Nucleic Acids Research</u> , 2002, 30(10):1-4
	Elbashir et al., <u>Nature</u> , 2001, 411:494-498
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	Feigner et al., <u>PNAS</u> , 1987, 84:7413
	Feng et al., <u>Virology</u> , 2000 25:276(2):271-278.
	Fernandez-Funez et al., <u>Nature</u> , 2000, 408:101-106
	Fire et al., <u>Nature</u> , 1998, 391:806-811
	Garrus et al., <u>Cell</u> , 2001, 107:55-65
	Gaspar et al., <u>Am. J. Hum. Genet.</u> , 2001, 68(2):523-528
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	Goeddel et al., <u>Nucleic Acids Res.</u> , 1980, 8:4057
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	Gonzalez-Alegre et al., <u>J Neurosci</u> , 2005, 25(45):10502-9.
	Goodchild et al., <u>Mov. Disord.</u> , 2002, 17(5):958, Abstract
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	Hamilton and Baulcombe, <u>Science</u> , 1999, 286:950-952
	Hammond et al., <u>Nat Rev Genet</u> , 2001;2(2):110-119.
	Hammond et al., <u>Nature</u> , 2000, 404:293-296

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Sheet 8 of 14

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Examiner Initials*	Include last name of the first author (in CAPITAL letters), Title of the Source (book, magazine, journal, serial, symposium, catalog, etc.), Volume-Number, page(s) and (date).
	Hannon, <u>Nature</u> , 2002, 418:244-251
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	Johnston, <u>Nature</u> , 1990, 346:776
	Kao et al., <u>J. Biol. Chem.</u> , 2004, 279:1942-1949
	Karlin and Altschul, <u>PNAS</u> , 1990, 87:2264
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EXAMINER

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* Examiner: Initials of document considered, whether or not the citation is in conformance with MPEP 600. Cross-references to other documents are not included. Indicate if document is a copy or a photocopy.

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Application Number	10/522,954
Filing Date	January 31, 2005
First Named Inventor	Beverly L. Davidson
Group Art Unit	1635
Examiner Name	Unknown

Sheet 9 of 14

Attorney Docket No: 17023.045US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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Sheet 10 of 14

Attorney Docket No: 17023.045US2

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Sheet 11 of 14

Attorney Docket No: 17023.045US2

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Sheet 12 of 14

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